

Abstract of the Disclosure

5 A process for the disproportionation of cumene is disclosed which  
comprises the step of contacting a feed containing cumene, under  
disproportionation conditions, with a catalyst comprising a molecular sieve,  
preferably TEA-mordenite. The contacting step disproportionates at least part of  
the cumene in the feed to provide a disproportionation effluent containing benzene  
and a mixture of diisopropylbenzene isomers. The effluent is then recovered and  
10 contains, prior to any separation step, less 1% of ortho-diisopropylbenzene by  
weight of the total diisopropylbenzene content of said effluent, less than 1wt% of  
n-propylbenzene, less than 5 wt% of triisopropylbenzenes and less than 5wt% of  
disproportionation products other than benzene and diisopropylbenzenes.

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